

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
WATTSMAN	

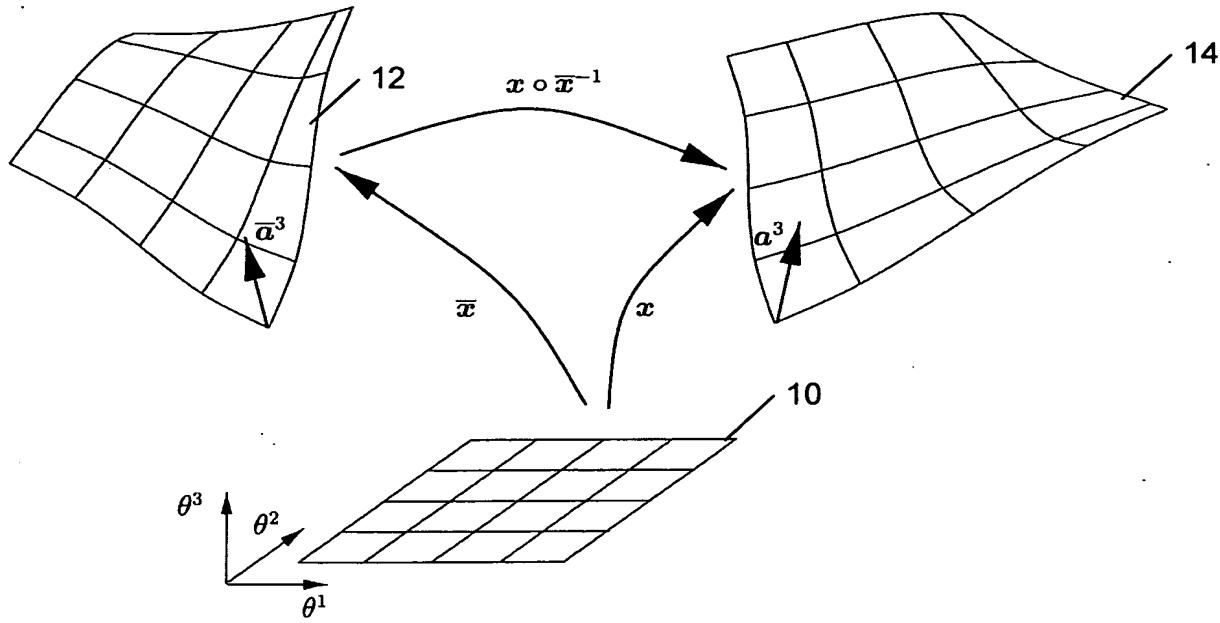


FIG. 1

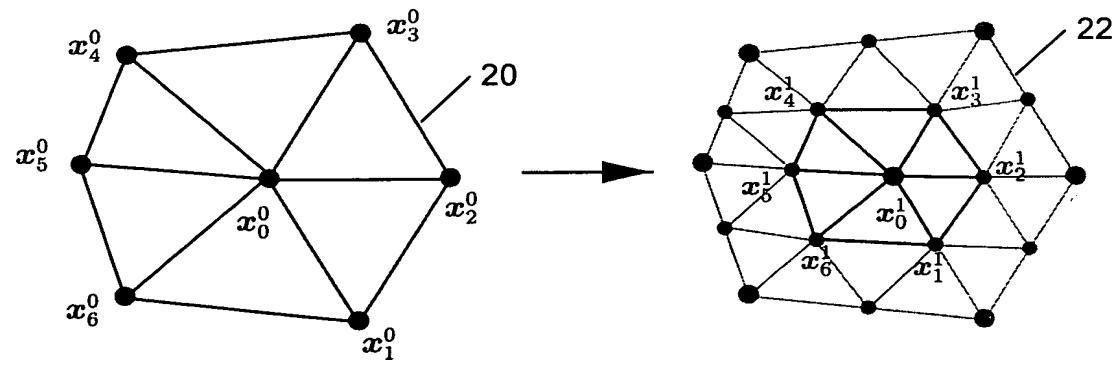
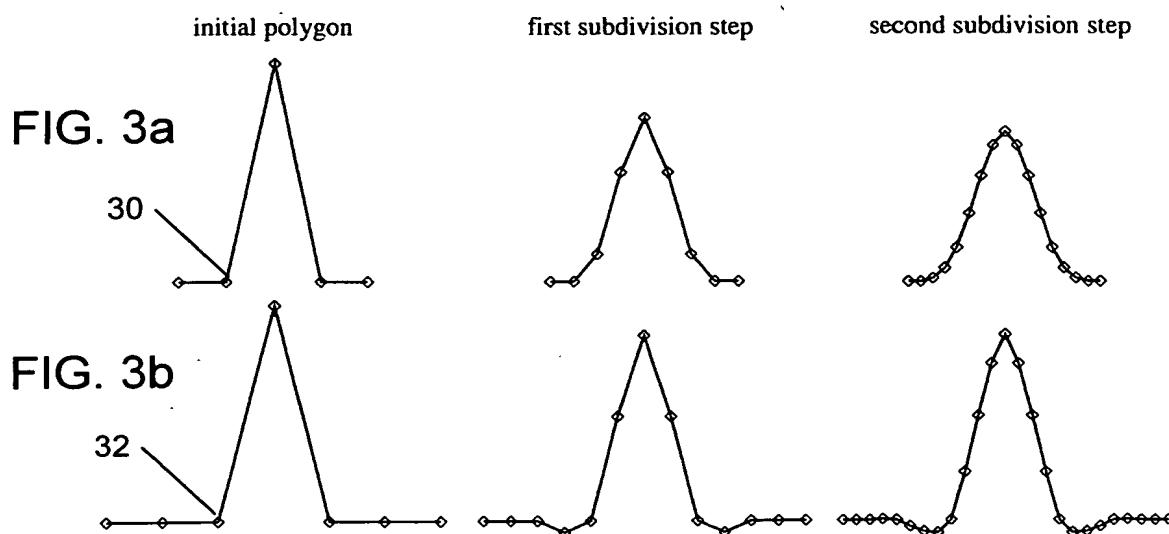
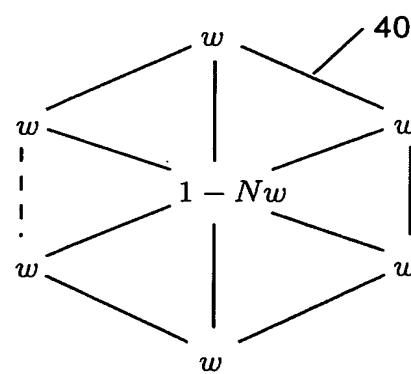


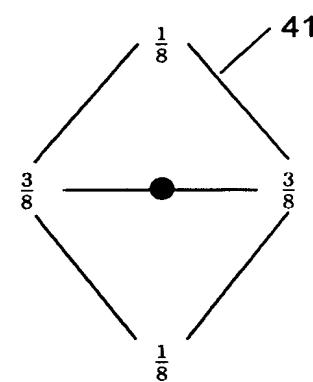
FIG. 2



000210-050716460



**FIG. 4a**



**FIG. 4b**

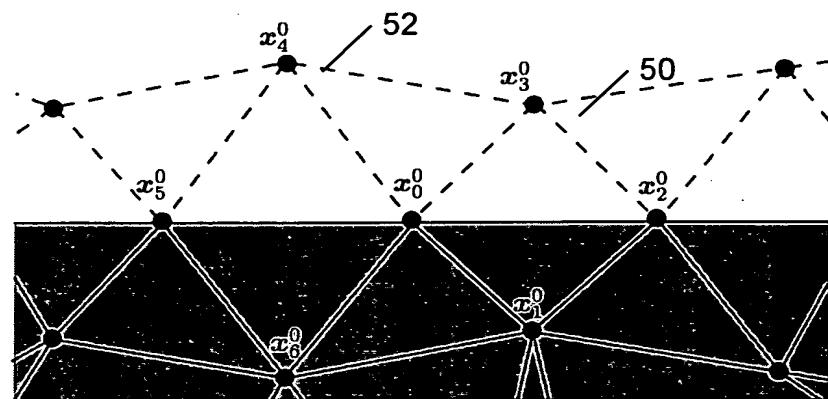
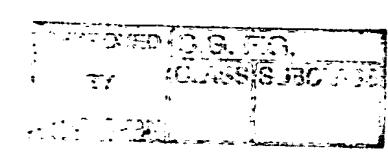


FIG. 5

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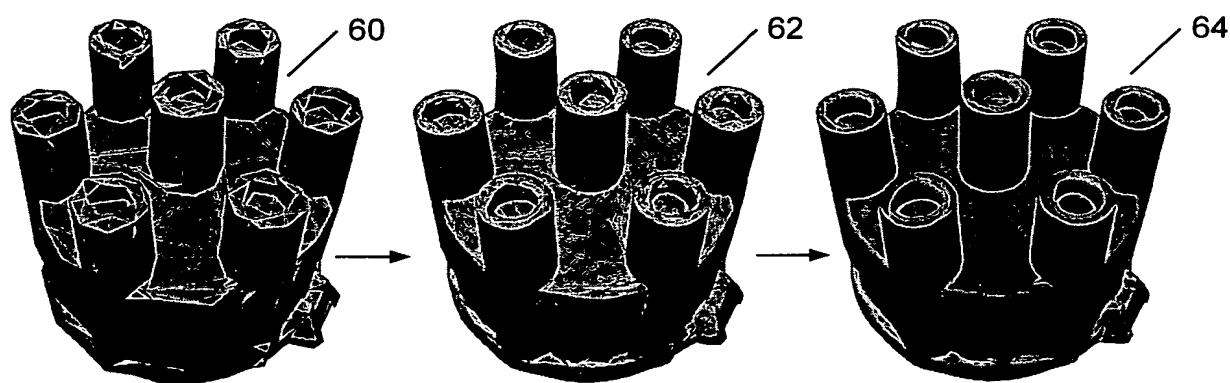


FIG. 6

SEARCHED  
SERIALIZED  
INDEXED  
FILED

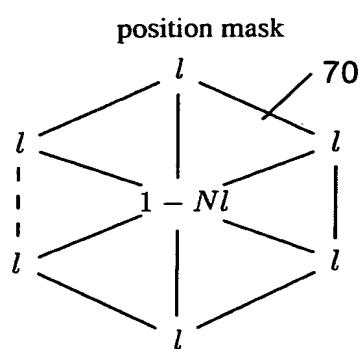


FIG. 7a

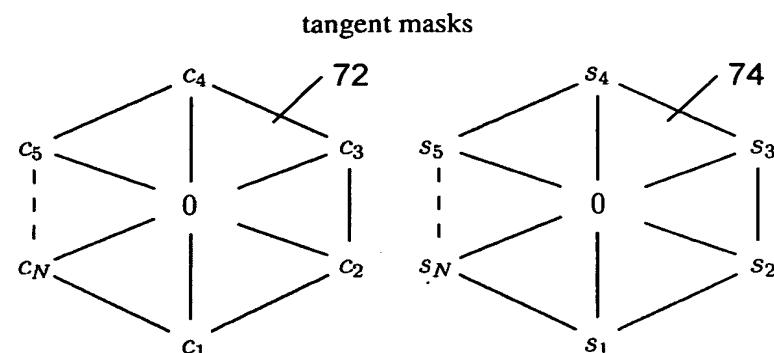


FIG. 7b

FIG. 7c

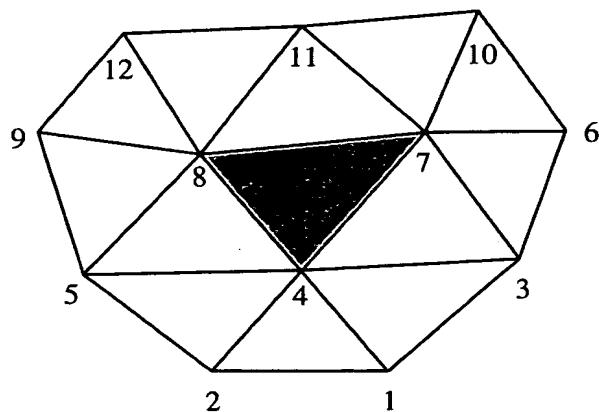


FIG. 8

009270 \* 6676460

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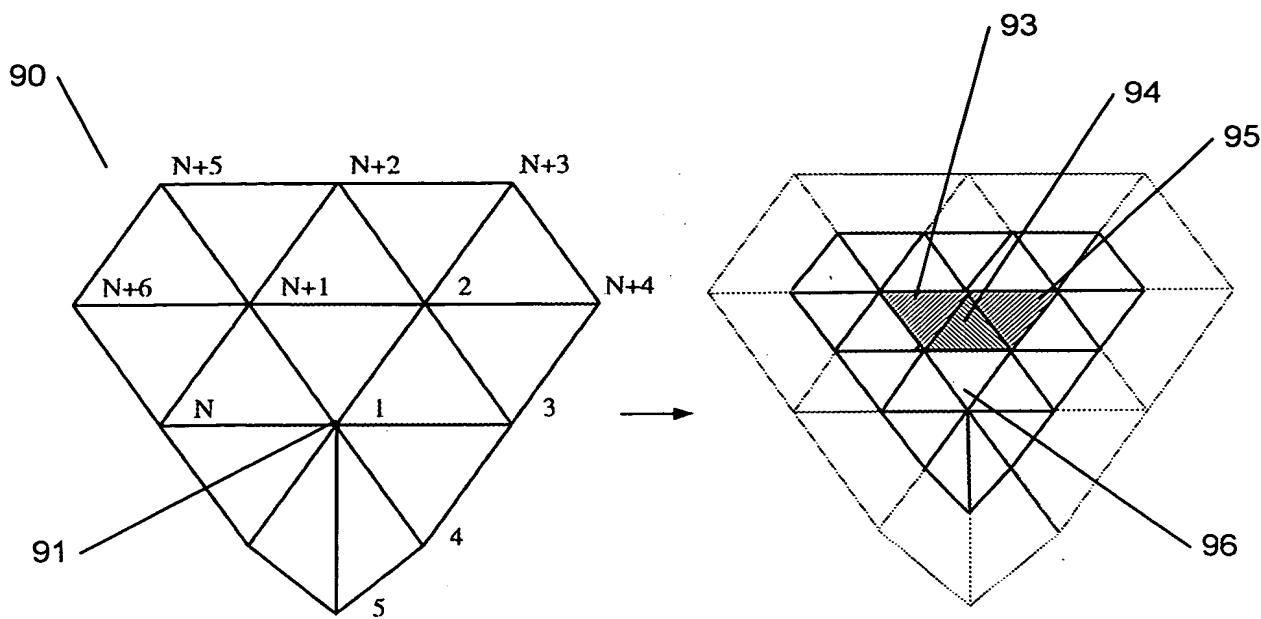


FIG. 9

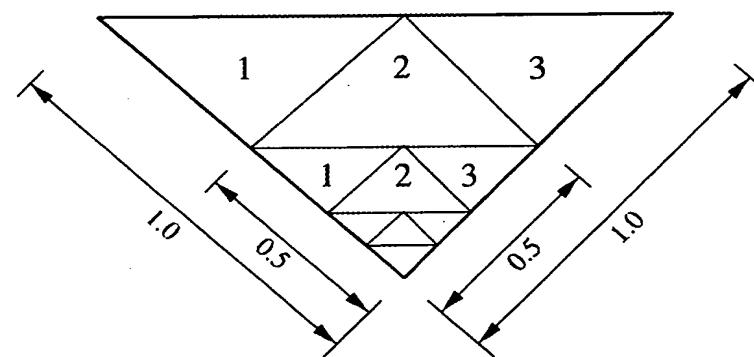


FIG. 10

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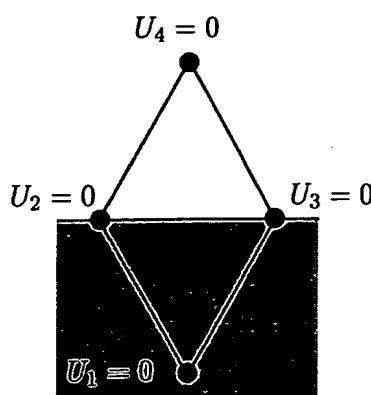


FIG. 11a

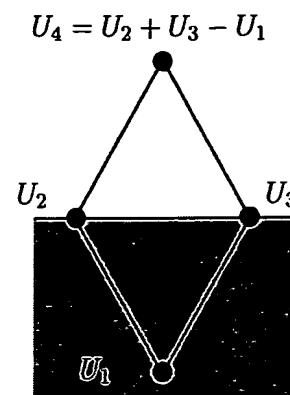


FIG. 11b

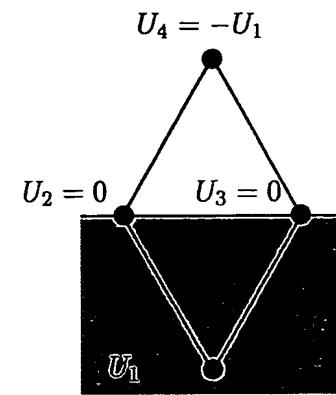


FIG. 11c

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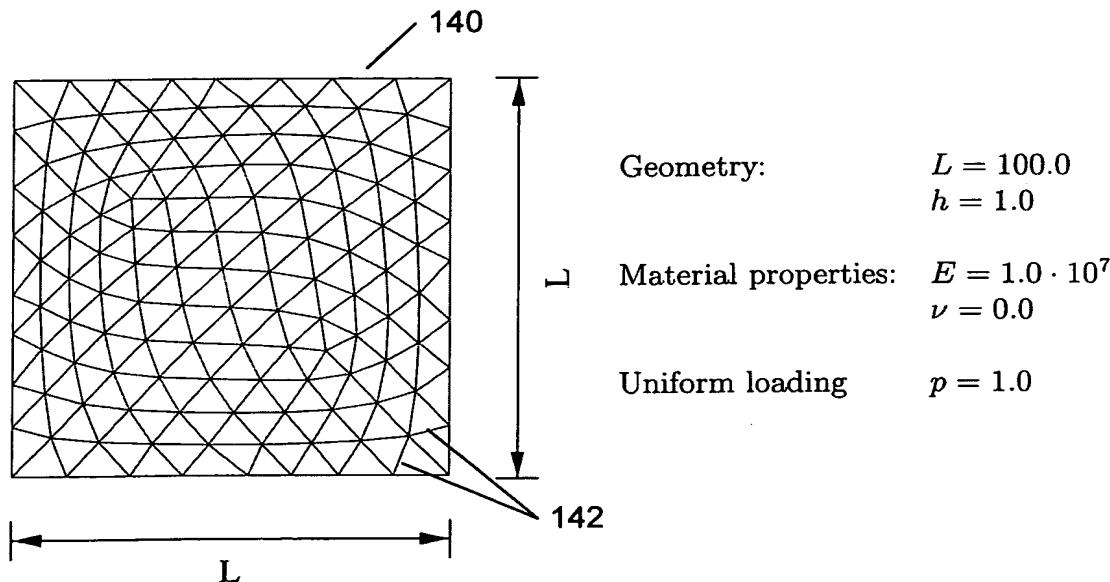


FIG. 14

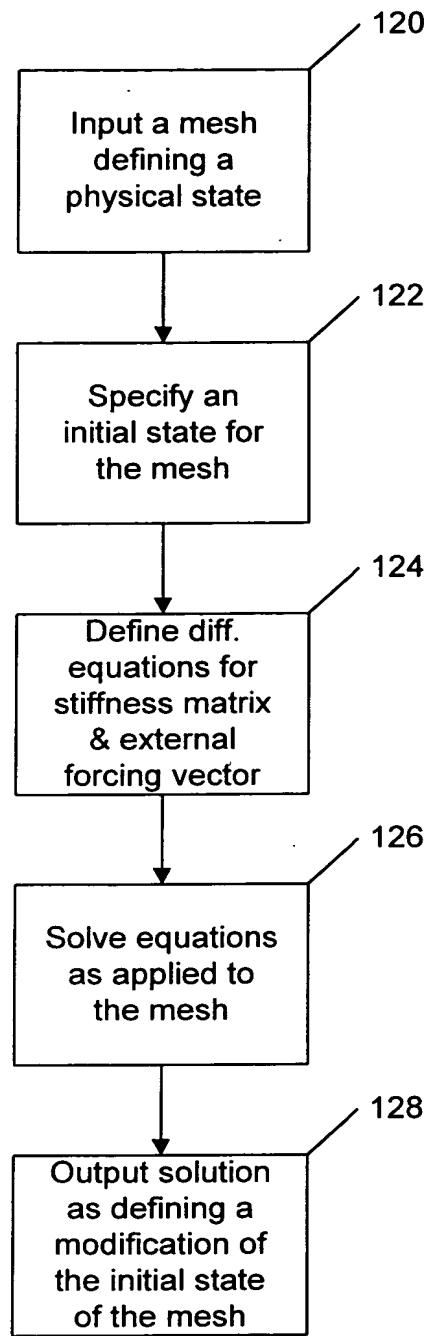


FIG. 12

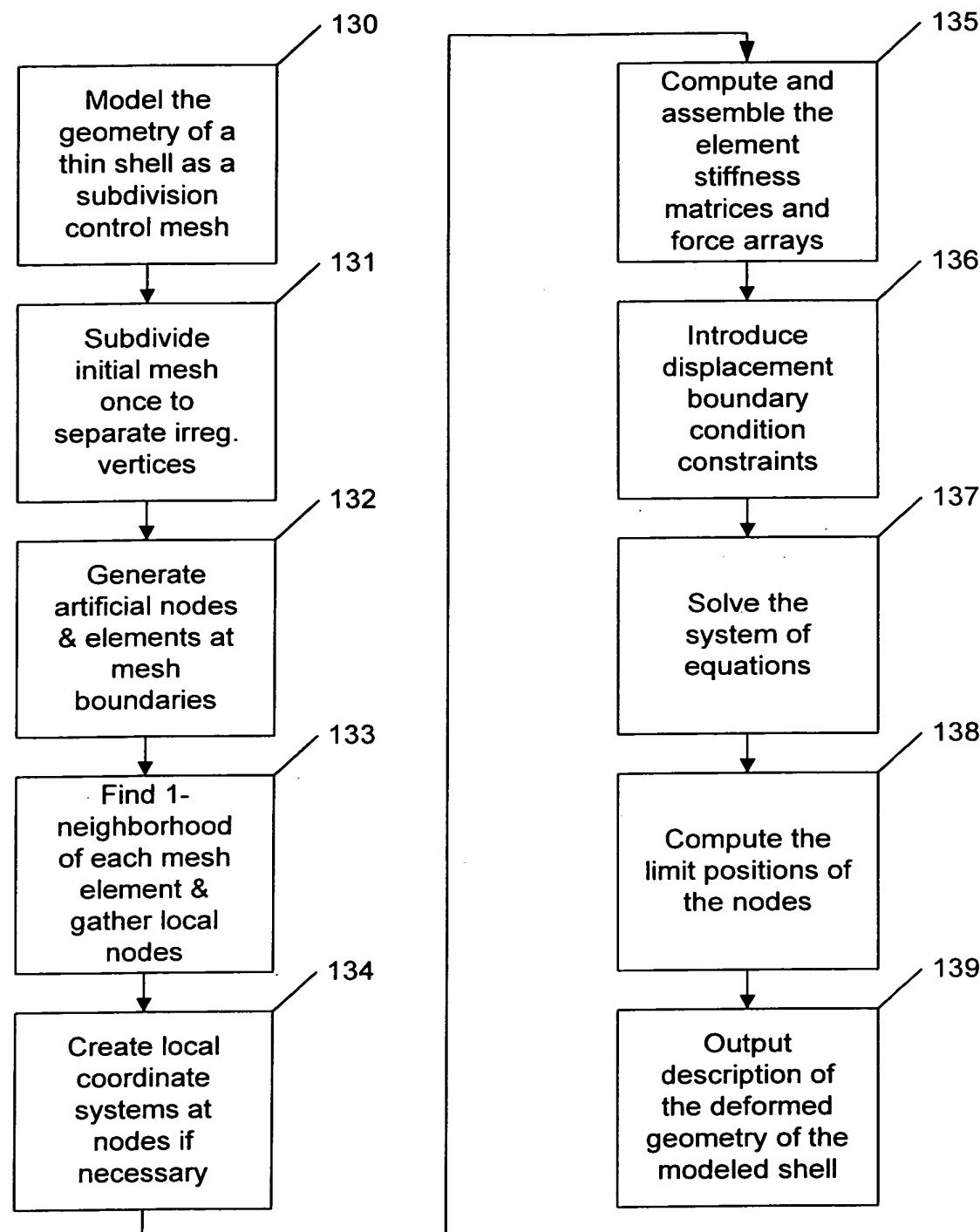


FIG. 13

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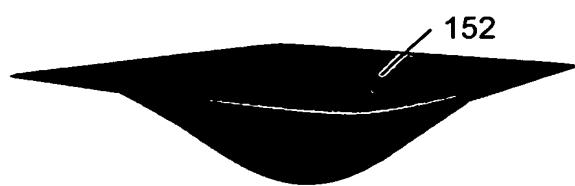


FIG. 15b

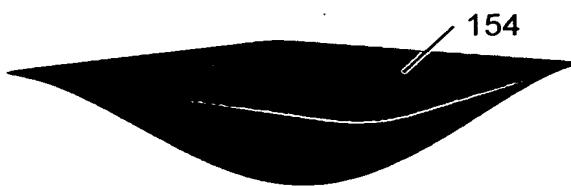


FIG. 15a

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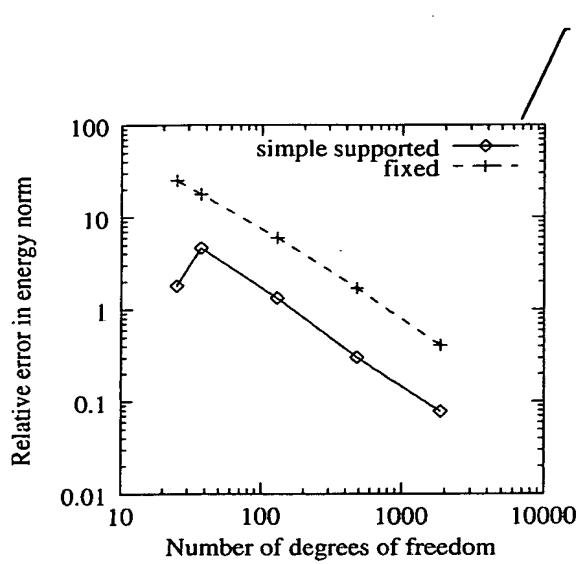


FIG. 16b

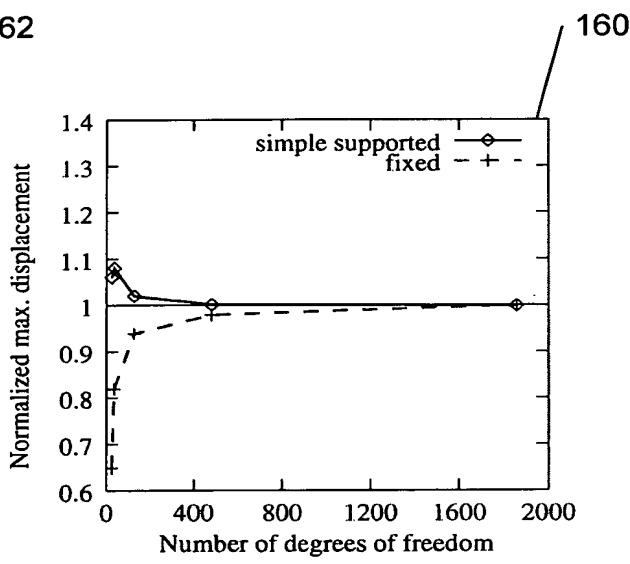


FIG. 16a

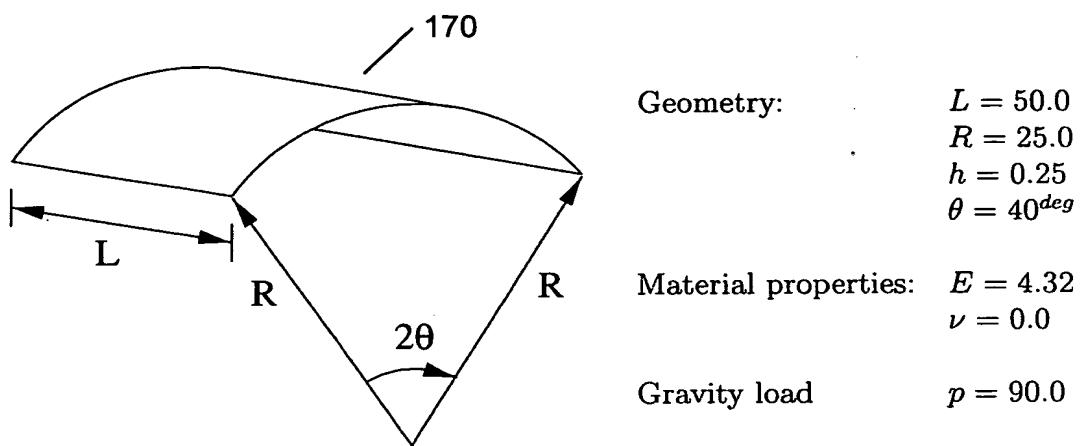


FIG. 17

FIG. 18a

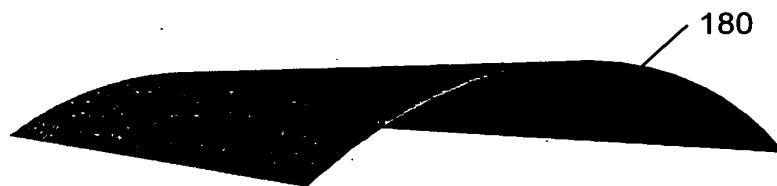
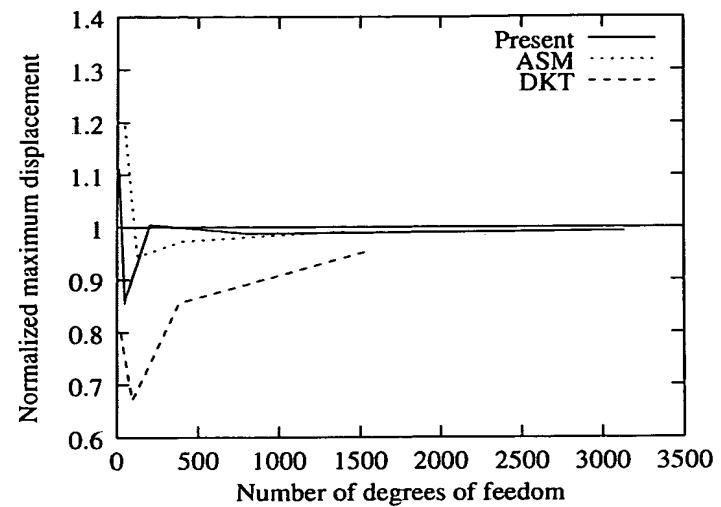
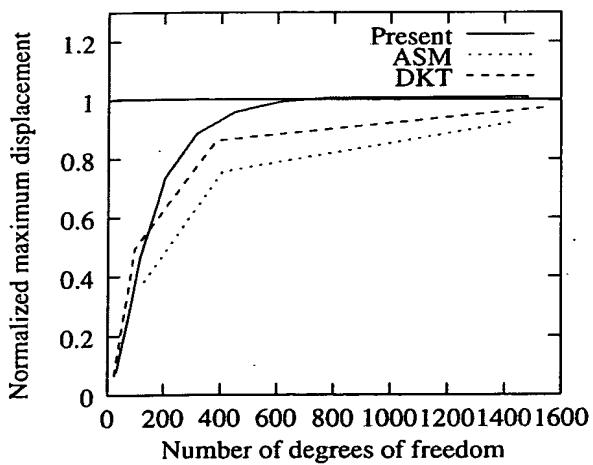


FIG. 18b

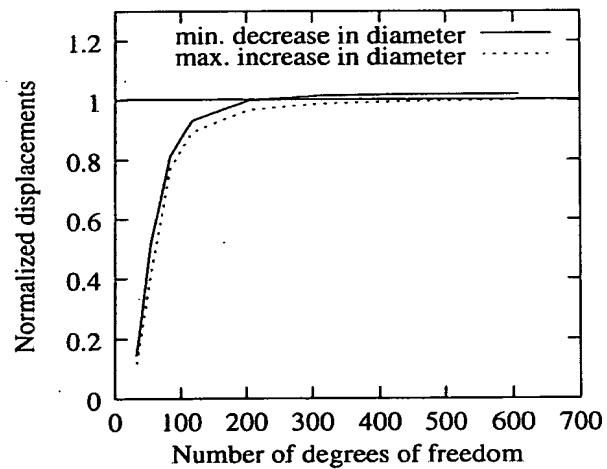




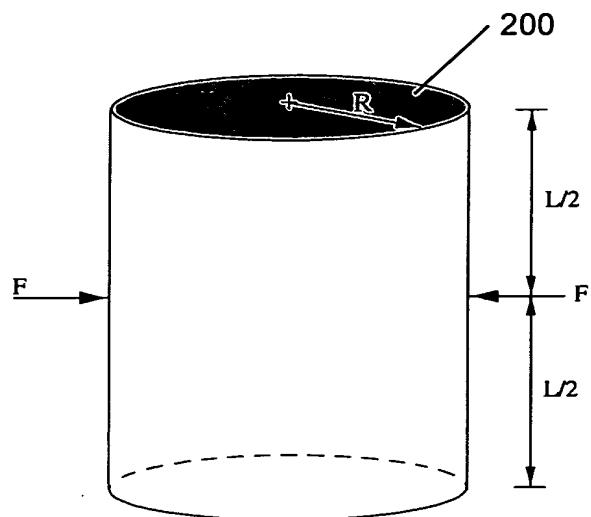
**FIG. 19**



**FIG. 21a**



**FIG. 21b**



Geometry:  
 $L = 600.0$   
 $R = 300.0$   
 $h = 3.0$

Material properties:  
 $E = 3.0 \cdot 10^6$   
 $\nu = 0.3$

Concentrated forces:  
 $F = 1.0$

FIG. 20a

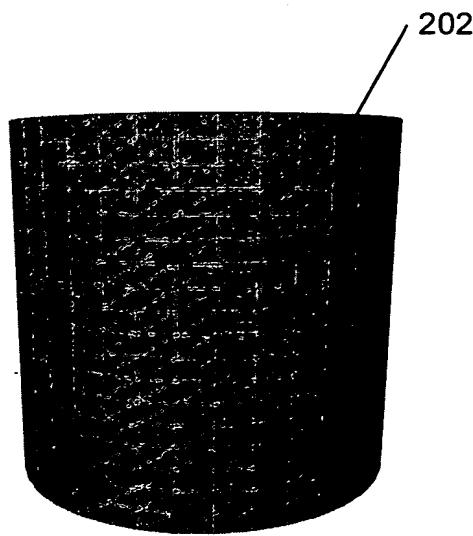


FIG. 20b

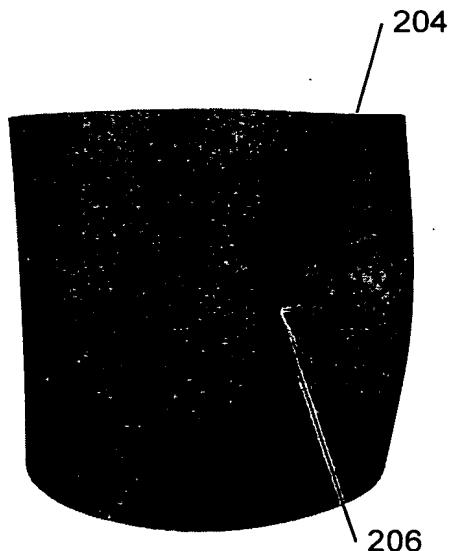
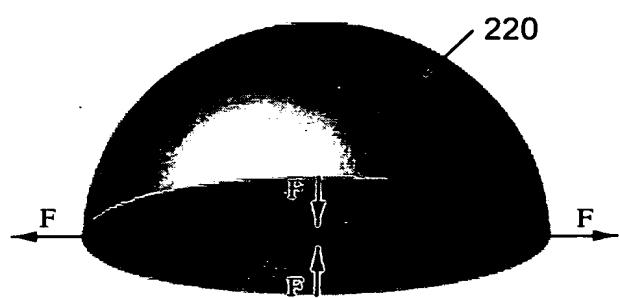


FIG. 20c



Geometry:  $R = 10.0$   
 $h = 0.04$

Material properties:  $E = 6.825 \cdot 10^7$   
 $\nu = 0.3$

Concentrated forces:  $F = 2.0$

FIG. 22a



FIG. 22b

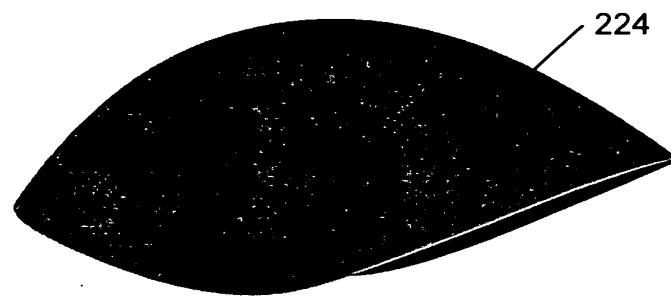


FIG. 22c

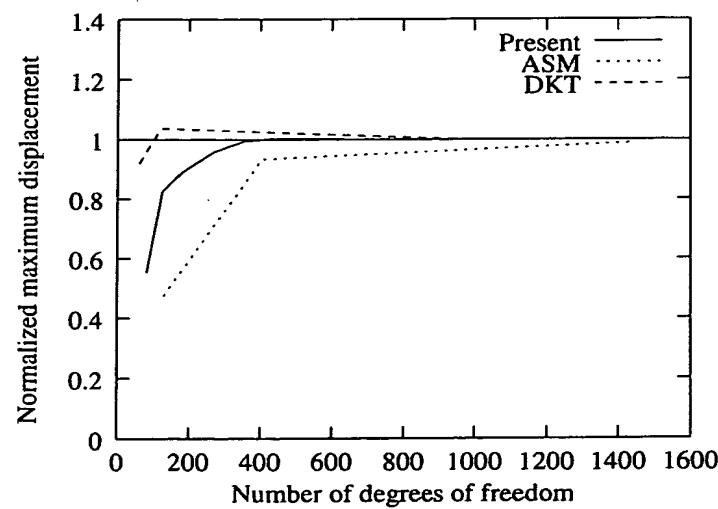


FIG. 23